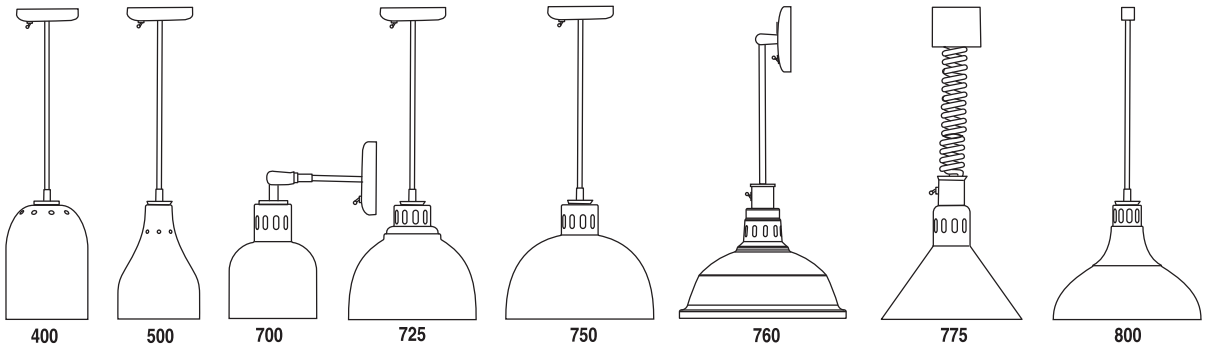
Decorative Heat Lamps

DL Series

Installation & Operating Manual

I&W #07.05.147.00



This manual contains important safety information concerning the maintenance, use and operation of this product. Failure to follow the instructions contained in this manual may result in serious injury. If you're unable to understand the contents of this manual, please bring it to the attention of your supervisor. Do not operate this equipment unless you have read and understood the contents of this manual.

Este manual contiene importante información sobre seguridad concerniente al mantenimiento, uso y operación de este producto. Cualquier falla en el seguimiento de las instrucciones contenidas en este manual puede resultar en un serio daño. Si usted no puede entender el contenido de este manual por favor pregunte a su supervisor. No opere este equipo al menos que haya leído y comprendido el contenido de este manual.

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IMPORTANT OWNER INFORMATION

Record the model number, serial number (identification decal located inside the lamp shade), voltage and purchase date of your Decorative Heat Lamp in the spaces below. Please have this information available when calling Hatco for service assistance.

Model No. _____

Serial No. _____

Voltage _____

Date of Purchase _____

Business Hours: 8:00 a.m. to 5:00 p.m. Central Standard Time

(Summer Hours: June to September – 8:00 a.m. to 5:00 p.m. C.D.T. Monday through Thursday 8:00 a.m. to 2:30 p.m. C.D.T. Friday)

Telephone: (800) 558-0607; (414) 671-6350

Fax: (800) 690-2966 (Parts & Service)
(414) 671-3976 (International)

24-Hour 7-Day Parts & Service Assistance available in the United States and Canada by calling (800) 558-0607.

Additional information can be found by visiting our web site at **www.hatcocorp.com**

INTRODUCTION

Hatco Decorative Heat Lamps are designed to hold your food at serving temperatures and enhance restaurant decor. Hatco Decorative Heat Lamps heat is focused directly below, providing effective insulation for prolonged serving times.

Hatco Decorative Heat Lamps are quality built to meet the demands of foodservice operations and provide years of trouble-free performance.

This manual provides the installation, safety and operating instructions for the Decorative Heat Lamps. We recommend all installation, operating and safety instructions appearing in this manual be read prior to installation or operation of your Decorative Heat Lamps. Safety instructions that appear in this manual after a warning symbol ⚠ and the words **WARNING** or **CAUTION** printed in bold face are very important. ⚠ **WARNING** means there is the possibility of serious personal injury or death to yourself or others. ⚠ **CAUTION** means there is the possibility of minor or moderate injury. **CAUTION** *without the symbol* signifies the possibility of equipment or property damage only.

Hatco Decorative Heat Lamps are a product of extensive research and field testing. The materials used were selected for maximum durability, attractive appearance and optimum performance. Every unit is thoroughly inspected and tested prior to shipment.

IMPORTANT SAFETY INFORMATION

IMPORTANT! Read the following important safety instructions to avoid personal injury or death, and to avoid damage to the equipment or property.

⚠ WARNINGS

⚠ To avoid any injury or damage to the unit(s) connect to a properly grounded electrical supply. Contact a qualified electrician to determine the proper voltage, wire size and installation method.

⚠ Decorative Heat Lamps are not waterproof. To avoid electrical shock or personal injury DO NOT submerge in water. Do not operate if it has been submerged in water.

⚠ To avoid electrical shock or personal injury, do not steam clean or use excessive water on the unit.

⚠ To avoid any injury or electrical shock, turn the power switch and the fuse disconnect switch/circuit breaker off. Allow to cool completely before performing any maintenance or cleaning.

⚠ To avoid any injury, turn the power supply OFF to the mounting location before installing.

⚠ For safe and proper operation locate the heat lamp at the proper height in an area that is convenient for use.

⚠ Decorative Heat Lamps must have a minimum of 1" (25 mm) clearance along the sides of combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

⚠ DL standard watt heat lamps (250 watt bulb) must have a minimum of 16" (406 mm) above a flammable surface or minimum clearance of 5" (127 mm) above a non-combustible surface. If safe distances are not maintained, discoloration or combustion could occur.

⚠ DLH high watt heat lamps (375 watt bulb) must have a minimum of 27" (686 mm) above a flammable surface or minimum clearance of 5" (127 mm) above a non-combustible surface. If safe distances are not maintained, discoloration or combustion could occur.

⚠ For safe and proper operation, do not install a 375 watt bulb into a DL standard watt lamp.

⚠ If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 800-558-0607 or 414-671-6350; fax 800-690-2966 or International fax 414-671-3976.

⚠ This product has no "user" serviceable parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Replacement Parts when service is required.

⚠ Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment. It is essential to use Hatco Replacement Parts when repairing Hatco equipment. Failure to use Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.

IMPORTANT SAFETY INFORMATION

⚠ CAUTIONS

⚠ Some exterior surfaces on the unit will get hot. Use caution when touching these areas to avoid injury.

⚠ Unit is not weatherproof. For safe and proper operation locate the unit indoors where the ambient air temperature is constant and is a minimum of 70°F (21°C).

⚠ For safe and proper operation do not use Trac system units with a power supply cord or convenience receptacle adapter.

⚠ To reduce the risk of fire and electric shock when installing Trac systems, use only fixture assemblies marked for use with Halo Trac, and Trac Fittings marked for use with L650 Series Trac.

⚠ For safe and proper operation the maximum capacity of Power-Trac is 20A per circuit. Check the fuses and circuits carefully before installing. 20A maximum includes all lights and appliances connected to the circuit. 120 volt only, maximum 1920 watts per any length track.

⚠ For safe and proper operation be careful during Trac installation that you do not damage the buss bar insulators during the drilling operation. If insulators are damaged, discard the section and do not use.

⚠ For safe and proper operation do not damage the special, smooth plastic finish piece on metal ceiling plate when determining location of proper knock out holes.

⚠ For units not equipped with Hatco supplied switch (N-no switch), a qualified electrician must choose an appropriate switch for the application based on amperage and inrush rating of the switch.

CAUTIONS

Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your Decorative Heat Lamp, marring its appearance and making it susceptible to dirt accumulation.

Damage to any countertop material caused by heat generated from Hatco equipment is not covered under the Hatco warranty. Contact the manufacturer of the countertop material for application information.

All canopy mount units are designed to fit a standard 4" (102 mm) octagonal junction box. To prevent any injury or damage this junction box must be securely anchored to the building structure.

Hatco DL lamp warmers are built to fit HALO brand L651, L652 and L653 Power Trac, track lighting systems only. Do not attempt to use on any other track lighting system.

SPECIFICATIONS

ELECTRICAL RATING CHART

Model	Voltage	Watts	Amps
DL Series	120	250	2.1
	240	250	1.1
DLH Series	120	375	3.2

The electrical information in the shaded area pertains to **Export Models** only.

DIMENSIONS – SHADE

Lamp Shade Style	Diameter (A)	Height (B)
DL-400	6-1/8" (156 mm)	8-1/2" (216 mm)
DL-500	6-1/8" (156 mm)	8-1/2" (216 mm)
DL-700	6-1/2" (165 mm)	8-1/2" (216 mm)
DL-725	9-1/2" (241 mm)	8-1/2" (216 mm)
DL-750	11" (279 mm)	8-1/2" (216 mm)
DL-760	12-1/2" (318 mm)	8-1/2" (216 mm)
DL-775	10-1/2" (267 mm)	8-1/2" (216 mm)
DL-800	11" (279 mm)	8-1/2" (216 mm)

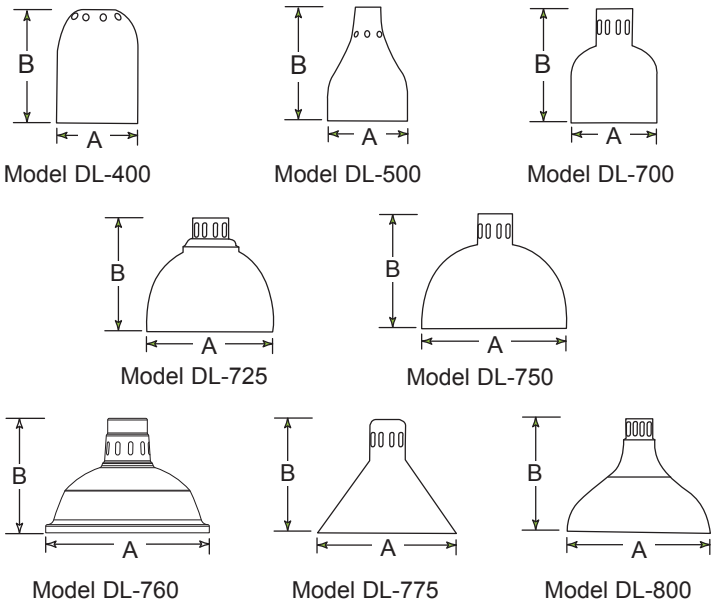

Figure 1. Lamp Dimensions

NOTE: The height dimension of the shade increases by 2" (51 mm) when utilizing the "L" lower switch location.

MODEL DESIGNATION

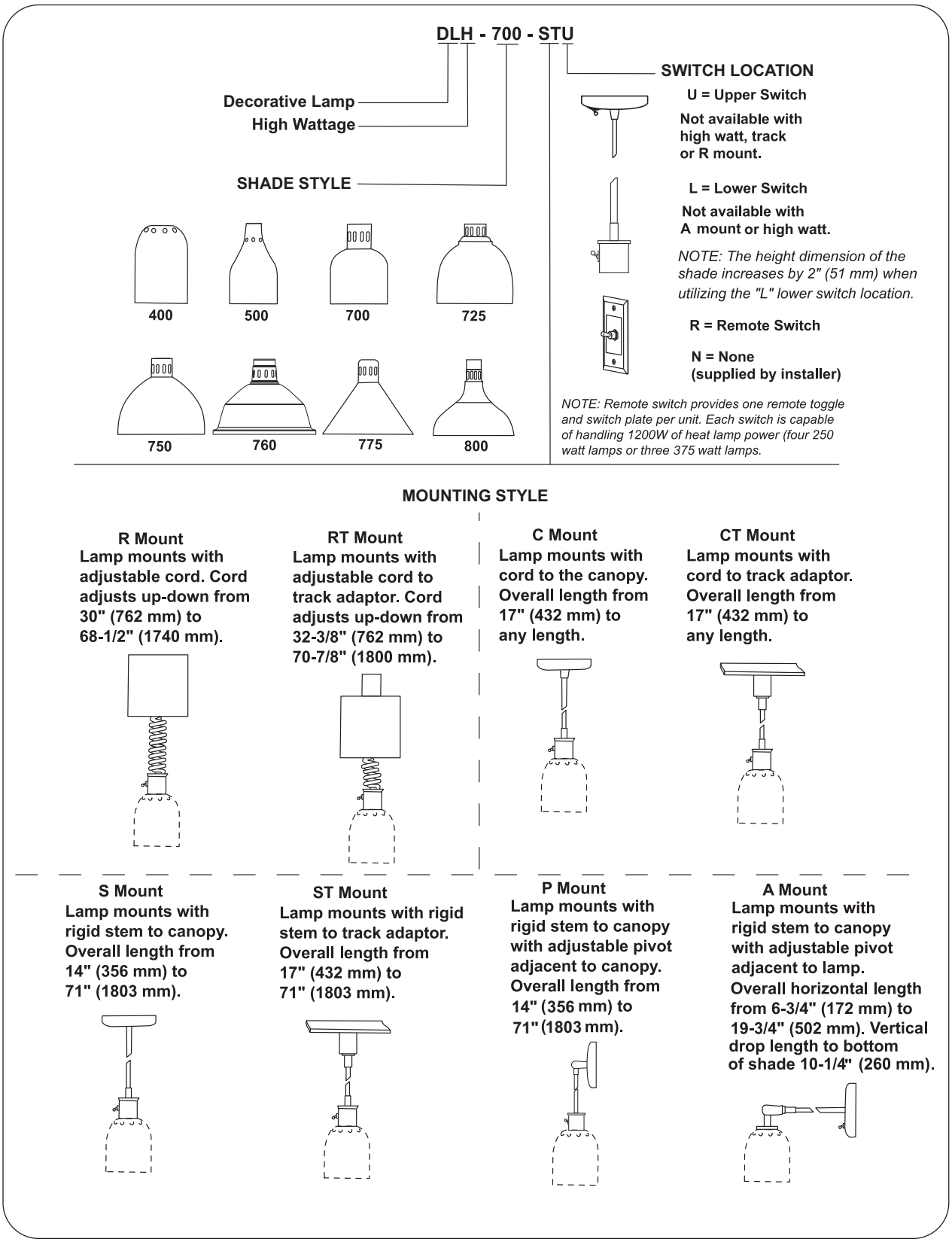
DLH - 700 - STU
Decorative Lamp
High Wattage
SHADE STYLE
400
500
700
725
750
760
775
800
SWITCH LOCATION
U = Upper Switch
Not available with high watt, track or R mount.
L = Lower Switch
Not available with A mount or high watt.
NOTE: The height dimension of the shade increases by 2" (51 mm) when utilizing the "L" lower switch location.
R = Remote Switch
N = None (supplied by installer)
NOTE: Remote switch provides one remote toggle and switch plate per unit. Each switch is capable of handling 1200W of heat lamp power (four 250 watt lamps or three 375 watt lamps.
MOUNTING STYLE
R Mount
Lamp mounts with adjustable cord. Cord adjusts up-down from 30" (762 mm) to 68-1/2" (1740 mm).
RT Mount
Lamp mounts with adjustable cord to track adaptor. Cord adjusts up-down from 32-3/8" (762 mm) to 70-7/8" (1800 mm).
C Mount
Lamp mounts with cord to the canopy. Overall length from 17" (432 mm) to any length.
CT Mount
Lamp mounts with cord to track adaptor. Overall length from 17" (432 mm) to any length.
S Mount
Lamp mounts with rigid stem to canopy. Overall length from 14" (356 mm) to 71" (1803 mm).
ST Mount
Lamp mounts with rigid stem to track adaptor. Overall length from 17" (432 mm) to 71" (1803 mm).
P Mount
Lamp mounts with rigid stem to canopy with adjustable pivot adjacent to canopy. Overall length from 14" (356 mm) to 71" (1803 mm).
A Mount
Lamp mounts with rigid stem to canopy with adjustable pivot adjacent to lamp. Overall horizontal length from 6-3/4" (172 mm) to 19-3/4" (502 mm). Vertical drop length to bottom of shade 10-1/4" (260 mm).

Figure 2. Model Designations

MODEL DESCRIPTIONS

ALL MODELS

All Decorative Heat Lamps are constructed of aluminum and include heavy-duty mounting hardware. Each Decorative Heat lamp features a heat bulb contained in a vented shade provided in powdercoated *Designer* or gloss colors.

DL MODELS (Standard Wattage)

Standard wattage models (DL) feature a 250 watt bulb and include a built-in On/Off switch located at the the stem or canopy for independent heat control. DL units may be ordered with the optional remote toggle (REM) switch or with no switch.

DLH MODELS (High Wattage)

High wattage models (DLH) feature a 375 watt bulb and are available with either the remote toggle (REM) switch or with no switch.

⚠ CAUTION

For units not equipped with Hatco supplied switch (N-no switch), a qualified electrician must choose an appropriate switch for the application based on amperage and inrush rating of the switch.

INSTALLATION

UNPACKING

1. Remove decorative lamp assembly from box (or boxes).
2. Remove information packet. **To prevent delay in obtaining warranty coverage, fill out and mail in warranty card**.

LOCATION

⚠ WARNING

To avoid any injury or damage to the unit(s) connect to a properly grounded electrical supply. Contact a qualified electrician to determine the proper voltage, wire size and installation method.

⚠ WARNING

Decorative Heat Lamps must have a minimum of 1" (25 mm) clearance along the sides of combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

⚠ WARNING

DL standard watt heat lamps (250 watt bulb) must have a minimum of 16" (406 mm) above a flammable surface or minimum clearance of 5" (127 mm) above a non-combustible surface. If safe distances are not maintained, discoloration or combustion could occur.

⚠ WARNING

DLH high watt heat lamps (375 watt bulb) must have a minimum of 27" (686 mm) above a flammable surface or minimum clearance of 5" (127 mm) above a non-combustible surface. If safe distances are not maintained, discoloration or combustion could occur.

⚠ WARNING

For safe and proper operation locate the heat lamp at the proper height in an area that is convenient for use.

⚠ CAUTION

Unit is not weatherproof. For safe and proper operation locate the unit indoors where the ambient air temperature is constant and is a minimum of 70°F (21°C).

CAUTION

All canopy mount units are designed to fit a standard 4" (102 mm) octagonal junction box. To prevent any injury or damage this junction box must be securely anchored to the building structure.

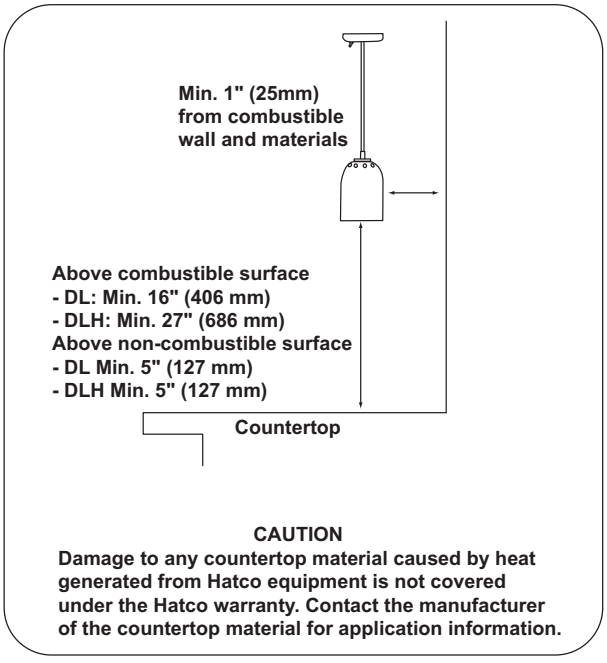
Min. 1" (25mm)
from combustible
wall and materials
Above combustible surface
- DL: Min. 16" (406 mm)
- DLH: Min. 27" (686 mm)
Above non-combustible surface
- DL Min. 5" (127 mm)
- DLH Min. 5" (127 mm)
Countertop
CAUTION
Damage to any countertop material caused by heat generated from Hatco equipment is not covered under the Hatco warranty. Contact the manufacturer of the countertop material for application information.

Figure 3. Safe Mounting Distance

INSTALLATION

LOCATION (continued)

⚠ CAUTION

For safe and proper operation the maximum capacity of Power-Trac is 20A per circuit. Check the fuses and circuits carefully before installing. 20A maximum incudes all lights and appliances connected to the circuit. 120 volt only, maximum 1920 watts per any length track.

⚠ CAUTION

For units not equipped with Hatco supplied switch (N-no switch), a qualified electrician must choose an appropriate switch for the application based on amperage and inrush rating of the switch.

ASSEMBLY

Models with Mounting Designation C, CT, R and RT are cord hung fixtures and are shipped fully assembled and ready for installation.

All other models will require some assembly before mounting. See the Figures 4 or 5 for your applicable model.

NOTE: If shade comes equipped with plastic nut and nipple in stem mounting hole, both nut and nipple must be removed before installing stem to shade.

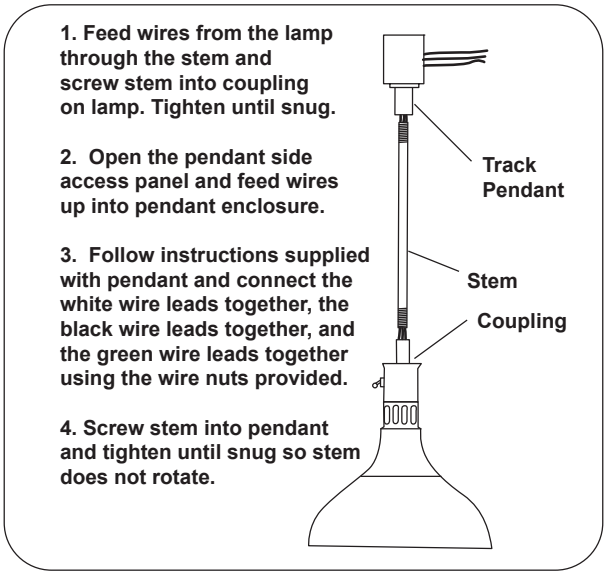
1. Feed wires from the lamp through the stem and screw stem into coupling on lamp. Tighten until snug.
2. Open the pendant side access panel and feed wires up into pendant enclosure.
3. Follow instructions supplied with pendant and connect the white wire leads together, the black wire leads together, and the green wire leads together using the wire nuts provided.
4. Screw stem into pendant and tighten until snug so stem does not rotate.
Track Pendant
Stem
Coupling

Figure 4. Assembly for ST Mount

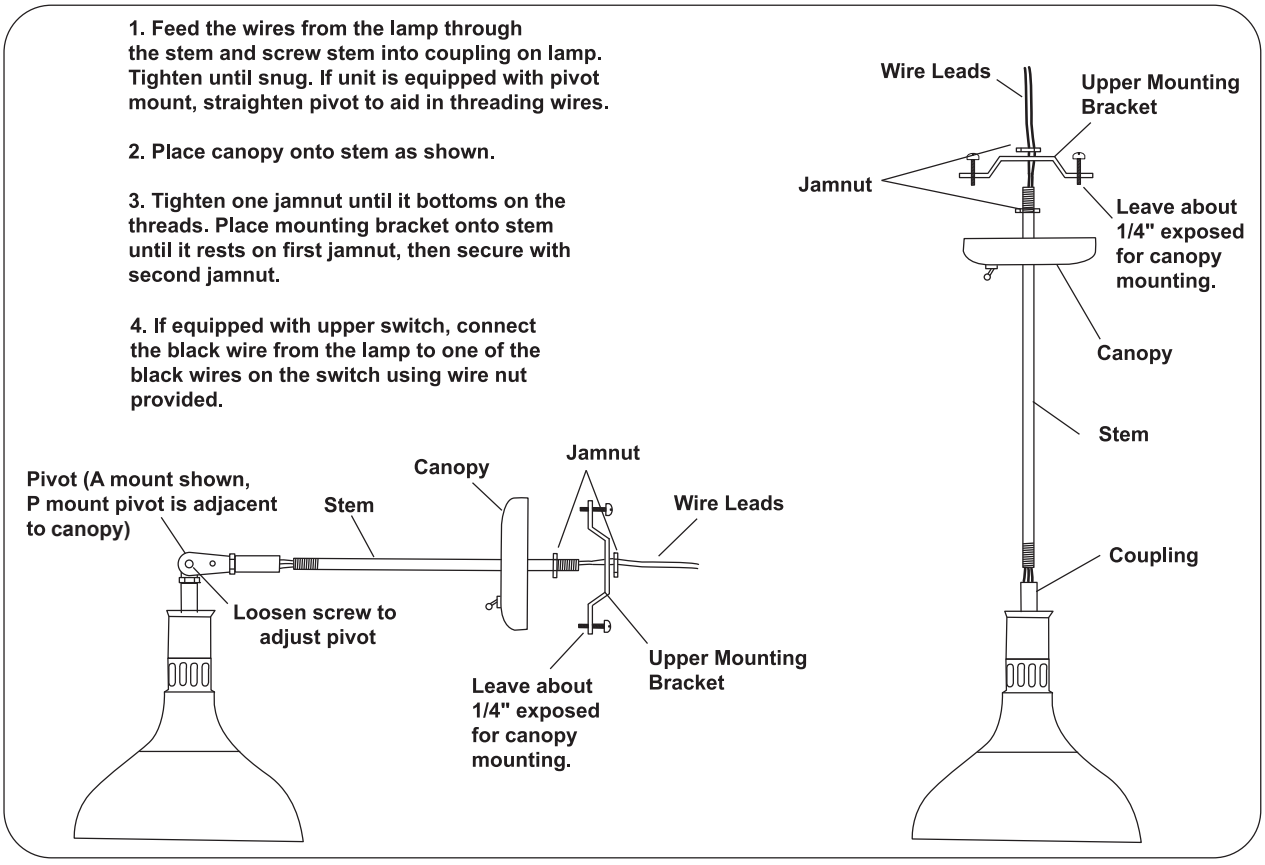
1. Feed the wires from the lamp through the stem and screw stem into coupling on lamp. Tighten until snug. If unit is equipped with pivot mount, straighten pivot to aid in threading wires.
2. Place canopy onto stem as shown.
3. Tighten one jamnut until it bottoms on the threads. Place mounting bracket onto stem until it rests on first jamnut, then secure with second jamnut.
4. If equipped with upper switch, connect the black wire from the lamp to one of the black wires on the switch using wire nut provided.
Pivot (A mount shown, P mount pivot is adjacent to canopy)
Stem
Canopy
Jamnut
Wire Leads
Loosen screw to adjust pivot
Upper Mounting Bracket
Leave about 1/4" exposed for canopy mounting.
Wire Leads
Upper Mounting Bracket
Jamnut
Leave about 1/4" exposed for canopy mounting.
Canopy
Stem
Coupling

Figure 5. Assembly for A, S or P Mount

INSTALLING NON-TRACK MOUNT (A, C, P, S AND R) (See Figure 6)

⚠ WARNING

To avoid any injury, turn the power supply OFF to the electrical junction box before mounting.

1. Mount the top bracket to the 4" (102 mm) octagon junction box using the two screws provided with the junction box.
2. Making sure all power is OFF, connect supply lead L1 to the black lamp lead, connect neutral to the white lamp lead,

   If lamp is equipped with three wires, connect ground to the green lead. If lamp is equipped with two wires, make proper ground wire connections from junction box. Tuck excess wires into junction box.
3. Slide the canopy cover or cord housing up until it rests against the ceiling and install the two ball cap-nuts until snug to the ceiling.

INSTALLING TRACK MOUNT (CT, ST AND RT)

CAUTION

Hatco DL lamp warmers are built to fit HALO brand L651, L652 and L653 Power Trac, track lighting systems only. Do not attempt to use on any other track lighting system.

⚠ CAUTION

For safe and proper operation the maximum capacity of Power-Trac is 20A per circuit. Check the fuses and circuits carefully before installing. 20A maximum includes all lights and appliances connected to the circuit. 120 volt only, maximum 1920 watts per any length track.

The Trac system is to be supplied by a single branch circuit 120V, 60 Hz, 20A.

NOTE: Maximum seven 250 watt lamp units or five 375 watt lamp units per each 20 amp Track Bar circuit. Installer is responsible for properly sizing the supply circuit with the lamp load.

Hatco provides track kits in three different lengths:

- L651 - 4 ft. (1219 mm)
- L651 - 8 ft. (2438 mm)
- 652 - 12 ft. (3658 mm) (L653).

When installing or using this Trac system, the following basic safety precautions should always be followed:

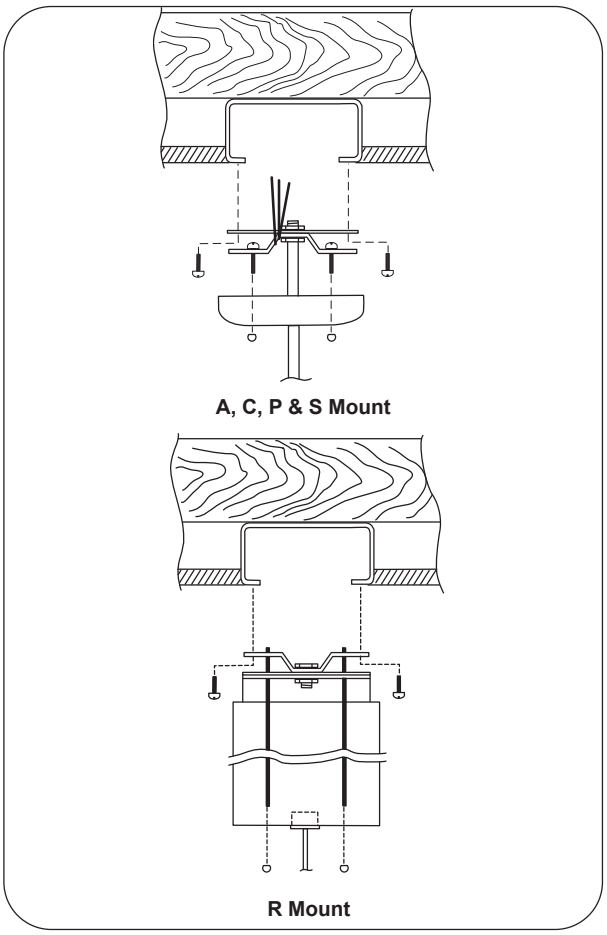

Figure 6. Non-Track Mounting

- Read all of these installation instructions before installing the Trac system.
- Save these instructions and refer to them when additions to or changes in the Trac configuration are made.
- Do not install this Trac in damp or wet locations.
- Do not install any part of a Trac system less than 5 feet (1524 mm) above the floor.
- Do not install any fixture assembly closer than 1" (25 mm) along the sides from any curtain or similar combustible material.
- Disconnect electrical power before adding to or changing the configuration of the Trac.
- Do not attempt to energize anything other than Trac lighting fixtures on the Trac. To reduce the risk of fire and electric shock, do not attempt to connect power tools, extension cords, appliances, etc. to the Trac.

INSTALLATION

⚠ CAUTION

For safe and proper operation do not use Trac system units with a power supply cord or convenience receptacle adapter.

⚠ CAUTION

To reduce the risk of fire and electric shock when installing Trac systems, use only fixture assemblies marked for use with Halo Trac, and Trac Fittings marked for use with L650 Series Trac.

The mounting clips, screws or stems are to be mounted in pre-drilled holes as follows:

- **2 foot (610 mm) Trac**-two places, one at each end of Trac.
- **4 foot (1219 mm) Trac**-two places, one at each end of Trac.
- **8 foot (2438 mm) Trac**-three places, one in the center and each end of the Trac.
- **12 foot (3658 mm) Trac**-four places, one at each end of Trac and four feet from each end.

If Trac requires field cutting, refer to Field Cutting Trac to Special Lengths below. If Trac does not require field cutting, proceed to Installing the Trac.

Field Cutting Trac To Special Lengths (See Figure 7)

NOTE: Cutting should be done from the dead end of the Trac.

1. Remove dead end fitting and put copper buss bars and insulators flush with the live end of the Trac. Measure length from the live end and mark cut line.
2. Using a hacksaw, cut to desired length. Be sure to allow 1/8" (3 mm) for dead end fitting which must be reinstalled to the Trac end.
3. Remove all burrs from the Trac, insulators and copper buss bars.
4. Push copper buss bars into the insulators 1/2" (13 mm) from end of Trac.

NOTE: After completing Step 4, buss bar insulators should be flush with the Trac channel ends, and copper buss bars should be cut back from each end of Trac a minimum of 7/16" (11 mm) to a maximum of 1/2" (13 mm). If this is not the case, make appropriate modifications.

5. Reinstall the dead end fitting and tighten screw.

IMPORTANT: After Trac has been field cut make certain that each 4’ (1219) section or less in length has one mounting hole spaced a maximum of 6" (152 mm) from each Trac end section. A single section of Trac that is greater than 4' (1219 mm) in length must have the mounting hole located a maximum of 12" (305 mm) from each end of the Trac with additional mounting holes located a minimum every 4' (1219 mm) along the length of the Trac section. Additional openings may be provided as needed.

If additional mounting openings are required, follow this procedure in drilling holes:

1. Locate desired mounting holes on the inside center line of the Trac section.
2. Drill a 3/16" hole through the Trac channel.

⚠ CAUTION

For safe and proper operation be careful during Trac installation that you do not damage the buss bar insulators during the drilling operation. If insulators are damaged, discard the section and do not use.

3. Remove all burrs and proceed to Installing the Trac.

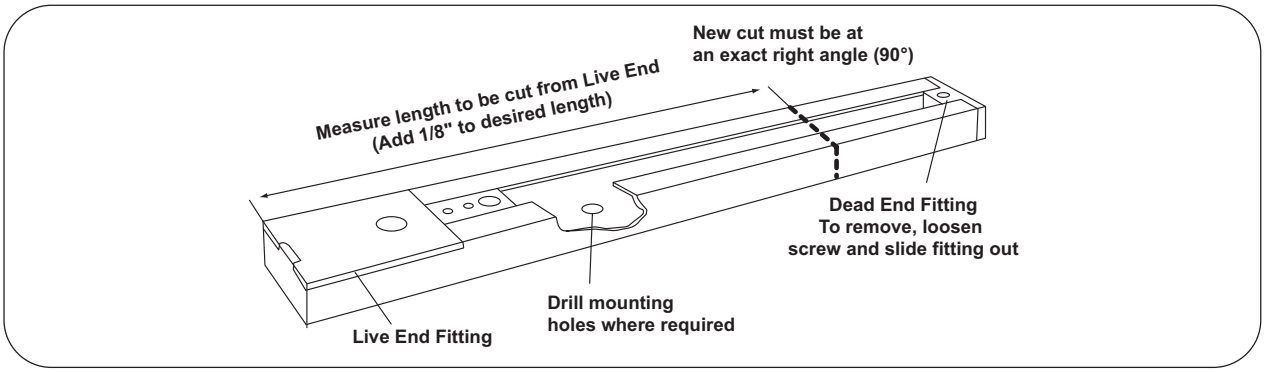
New cut must be at
an exact right angle (90°)
Measure length to be cut from Live End
(Add 1/8" to desired length)
Dead End Fitting
To remove, loosen
screw and slide fitting out
Drill mounting
holes where required
Live End Fitting

Figure 7. Field Cutting Trac to Special Lengths

Installing the Trac
(See Figure 8)

⚠ WARNING

To avoid any injury, turn the power supply OFF to the mounting location before installing.

1. Punch out proper knockout holes in the ceiling plate.

⚠ CAUTION

For safe and proper operation do not damage the special, smooth plastic finish piece on metal ceiling plate when determining location of proper knock out holes.

2. Remove flat head screw(s) from back of live end fitting and use them to fasten ceiling plate to live end fitting.

3. Remove cover from live end fitting. Place Trac with ceiling plate attached over outlet box and mark the position of the Trac mounting holes on ceiling or wall.

4. Drill mounting holes large enough for toggles and install Trac with furnished toggle bolts. If Trac is to be mounted on a solid surface, use #8 screws (not supplied) instead of toggle bolts.

5. Fasten ceiling plate to outlet box with two screws. Pull wires from outlet box through open hole in live end.

6. Cut and strip wires leads and fasten to screw terminals in live end fitting. Push excess wires back into outlet box and fasten ground wire to green ground screw.

7. Replace cover on live end and tighten screw.

8. Slide lamp(s) with track mount into trac and replace dead end fitting.

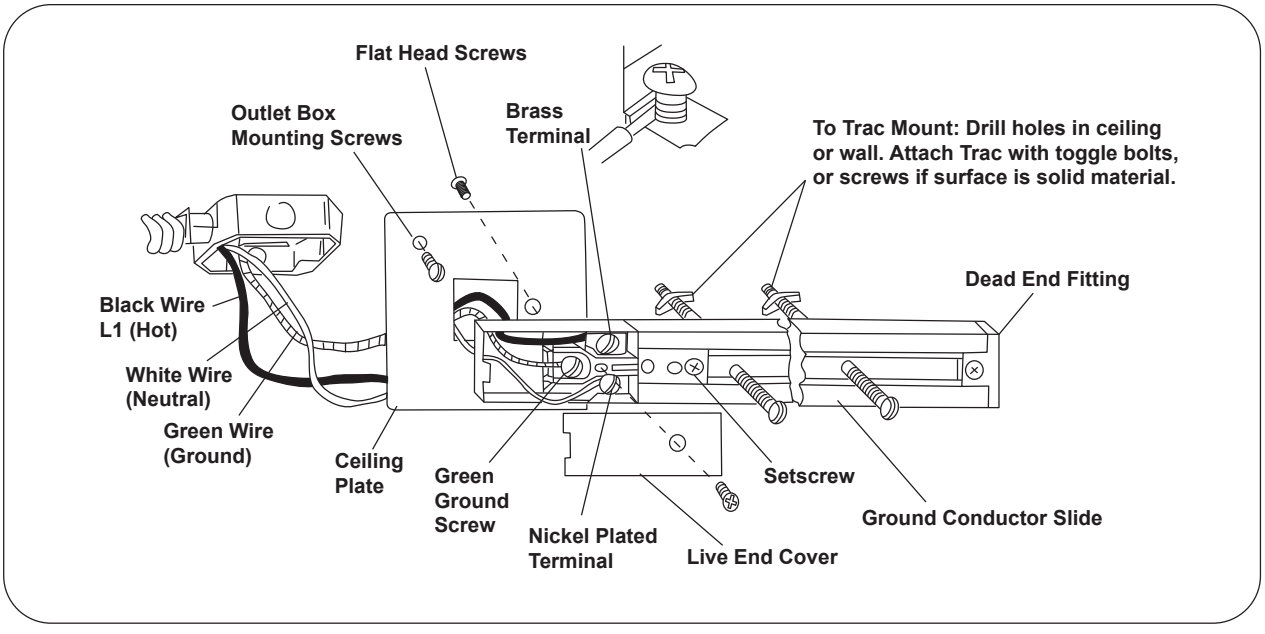
Flat Head Screws
Outlet Box Mounting Screws
Brass Terminal
To Trac Mount: Drill holes in ceiling or wall. Attach Trac with toggle bolts, or screws if surface is solid material.
Dead End Fitting
Black Wire L1 (Hot)
White Wire (Neutral)
Green Wire (Ground)
Ceiling Plate
Green Ground Screw
Nickel Plated Terminal
Live End Cover
Setscrew
Ground Conductor Slide

Figure 8. Installation of Trac to an Outlet Box

OPERATION

Place the ON/OFF toggle switch in the ON position. The heat bulb will light when the unit is energized.

⚠ WARNING

Decorative Heat Lamps are not waterproof. To avoid electrical shock or personal injury DO NOT submerge in water. Do not operate if it has been submerged in water.

⚠ CAUTION

Some exterior surfaces on the unit will get hot. Use caution when touching these areas to avoid injury.

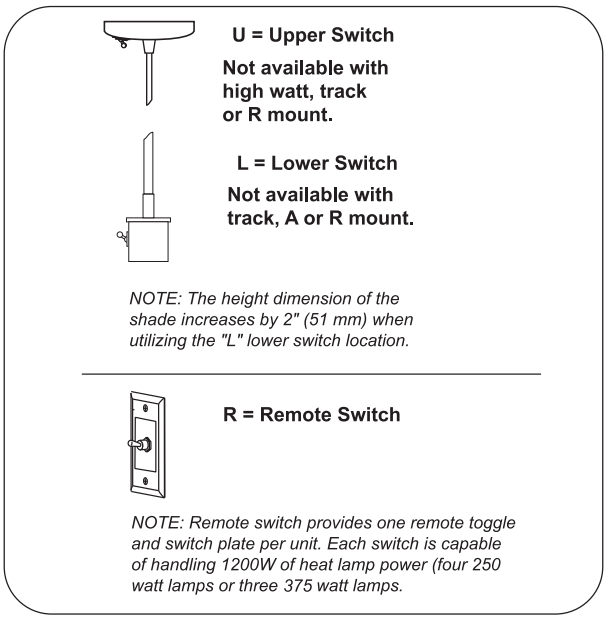
U = Upper Switch
Not available with high watt, track or R mount.
L = Lower Switch
Not available with track, A or R mount.
NOTE: The height dimension of the shade increases by 2" (51 mm) when utilizing the "L" lower switch location.
R = Remote Switch
NOTE: Remote switch provides one remote toggle and switch plate per unit. Each switch is capable of handling 1200W of heat lamp power (four 250 watt lamps or three 375 watt lamps.

Figure 9. Switches

MAINTENANCE

GENERAL

The Hatco Decorative Heat Lamps are designed for maximum durability and performance, with minimum maintenance.

CLEANING

To preserve the finish of the Decorative Heat Lamps it is recommended that the lamp shade surface be wiped daily with a soft damp cloth. Stubborn stains can be removed with a mild non-abrasive cleaner.

⚠ WARNING

To avoid electrical shock or personal injury, do not steam clean or use excessive water on the unit.

⚠ WARNING

To avoid any injury or electrical shock, turn the power switch and the fuse disconnect switch/circuit breaker off. Allow to cool completely before performing any maintenance or cleaning.

CAUTION

Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your Decorative Heat Lamp, marring its appearance and making it susceptible to dirt accumulation.

HEAT BULB REPLACEMENT

Each standard wattage Decorative Heat Lamp (DL) is supplied with one clear, uncoated infrared heat bulb rated at 250 watts. Each high wattage Decorative Heat Lamp (DLH) is supplied with one clear, uncoated infrared heat bulb rated at 375 watts. 250 watt bulbs may also be used in DLH units.

⚠ WARNING

For safe and proper operation, do not install a 375 watt bulb into a DL standard watt lamp.

1. To replace a bulb, place the switch in the OFF position and allow the bulb to cool completely.
2. Bulbs have a threaded base. Unscrew the heat bulb counter clockwise from the unit and replace with a new bulb.

MAINTENANCE

The following replacement clear uncoated bulbs and red safety coated bulbs are available from the factory or Hatco Authorized Parts Distributor.

DL (standard wattage)

250 Watt 120V Red Coated	02.30.068.00
250 Watt 120V Clear Coated	02.30.069.00
250 Watt 120V Red Uncoated	02.30.070.00
250 Watt 120V Clear Uncoated	02.30.071.00
250 Watt 240V Clear Uncoated	02.30.083.00

DLH (high wattage)

375 Watt 120V Clear Uncoated	02.30.093.00
375 Watt 120V Red Uncoated	02.30.094.00
375 Watt 120V Clear Coated	02.30.097.00
375 Watt 120V Red Coated	02.30.098.00

⚠ WARNING

If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 800-558-0607 or 414-671-6350; fax 800-690-2966, or International fax 414-671-3976.

⚠ WARNING

This product has no "user" serviceable parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Replacement Parts when service is required.

⚠ WARNING

Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment. It is essential to use Hatco Replacement Parts when repairing Hatco equipment. Failure to use Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.

ACCESSORIES

TRACK BAR MOUNT

Track Bar Mount specify 4' (1219 mm), 8' (2438 mm), or 12' (3658 mm) track length and color option of black or white. Track bar can be cut down in the field.

NOTE: Maximum seven 250 watt lamp units or five 375 watt lamp units per each 20 amp track bar circuit. Installer is responsible for properly sizing the supply circuit with the lamp load.

HATCO LIMITED WARRANTY

1. PRODUCT WARRANTY

Hatco warrants the products that it manufactures (the "Products") to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of purchase when installed and maintained in accordance with Hatco's written instructions or 18 months from the date of shipment from Hatco. Buyer must establish the product's purchase date by returning Hatco's Warranty Registration Card or by other means satisfactory to Hatco in its sole discretion.

Hatco warrants the following Product components to be free from defects in materials and workmanship from the date of purchase (subject to the foregoing conditions) for the period(s) of time and on the conditions listed below:

a) **One (1) Year Parts and Labor PLUS One (1) Additional Year Parts-Only Warranty:**
   Toaster Elements (metal sheathed)
   Drawer Warmer Elements (metal sheathed)
   Drawer Warmer Drawer Rollers and Slides
   Food Warmer Elements (metal sheathed)
   Display Warmer Elements (metal sheathed air heating)
   Holding Cabinet Elements (metal sheathed air heating)

b) **One (1) Year Parts and Labor PLUS Four (4) Years Parts-Only Warranty on pro-rated terms that Hatco will explain at Buyer's request:**
   3CS and FR Tanks

c) **One (1) Year Parts and Labor PLUS Nine (9) Years Parts-Only Warranty on:**
   Electric Booster Heater Tanks
   Gas Booster Heater Tanks

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT INFRINGEMENT. Without limiting the generality of the foregoing, SUCH WARRANTIES DO NOT COVER: Coated incandescent light bulbs, fluorescent lights, lamp warmer heat bulbs, glass components, Product failure in booster tank, fin tube heat exchanger, or other water heating equipment, caused by liming, sediment buildup, chemical attack or freezing, Product misuse, tampering or misapplication, improper installation or application of improper voltage.

2. LIMITATION OF REMEDIES AND DAMAGES

Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely, at Hatco's option, to repair or replacement by a Hatco-authorized service agency (other than where Buyer is located outside of the United States, Canada, United Kingdom or Australia in which case Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely to replacement of part under warranty) with respect to any claim made within the applicable warranty period referred to above. Hatco reserves the right to accept or reject any such claim in whole or in part. Hatco will not accept the return of any Product without prior written approval from Hatco, and all such approved returns shall be made at Buyer's sole expense. HATCO WILL NOT BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO LABOR COSTS OR LOST PROFITS RESULTING FROM THE USE OF OR INABILITY TO USE THE PRODUCTS OR FROM THE PRODUCTS BEING INCORPORATED IN OR BECOMING A COMPONENT OF ANY OTHER PRODUCT OR GOODS.

NOTES

HATCO AUTHORIZED PARTS DISTRIBUTORS

ALABAMA

Jones McLeod Appl. Svc.
Birmingham 205-251-0159

ARIZONA

Auth. Comm. Food Equip.
Phoenix 602-234-2443

Byassee Equipment Co.
Phoenix 602-252-0402

CALIFORNIA

Industrial Electric
Huntington Beach 714-379-7100

Chapman Appl. Service
San Diego 619-298-7106

P & D Appliance
S. San Francisco 650-635-1900

COLORADO

Hawkins Commercial Appliance
Englewood 303-781-5548

DELAWARE

Food Equipment Service
Wilmington 302-996-9363

FLORIDA

Whaley Foodservice Repair
Jacksonville 904-725-7800

Universal Restaurant Services
Miami 305-593-5488

Nass Service Co., Inc.
Orlando 407-425-2681

B.G.S.I.
Pompano Beach 954-971-0456

Comm. Appliance Service
Tampa 813-663-0313

GEORGIA

TWC Services
Smyrna 770-438-9797

Heritage Service Group
Norcross 866-388-9837

Southeastern Rest. Svc.
Norcross 770-446-6177

HAWAII

Burney's Comm. Service, Inc.
Honolulu 808-848-1466

Food Equip Parts & Service
Honolulu 808-847-4871

ILLINOIS

Parts Town
Lombard 708-865-7278

Eichenauer Elec. Service
Decatur 217-429-4229

Midwest Elec. Appl. Service
Elmhurst 630-279-8000

Cone's Repair Service
Moline 309-797-5323

INDIANA

GCS Service
Indianapolis 317-545-9655

IOWA

Electric Motor Service Co.
Davenport 319-323-1823

Goodwin Tucker Group
Des Moines 515-262-8308

KENTUCKY

GCS Service
Louisville 502-367-1788

LOUISIANA

Chandlers Parts & Service
Baton Rouge 225-272-6620

MARYLAND

Electric Motor Service
Baltimore 410-467-8080

GCS Service
Silver Spring 301-585-7550

MASSACHUSETTS

Ace Service Co., Inc.
Needham 781-449-4220

MICHIGAN

Commercial Kitchen Service
Bay City 517-893-4561

Bildons Appliance Service
Detroit 248-478-3320

Midwest Food Equip. Service
Grandville 616-261-2000

MINNESOTA

GCS Service
Minneapolis 612-546-4221

MISSOURI

General Parts
Kansas City 816-421-5400

Commercial Kitchen Services
St. Louis 314-890-0700

Kaemmerlen Parts & Service
St. Louis 314-535-2222

NEBRASKA

Anderson Electric
Omaha 402-341-1414

NEVADA

Burney's Commercial
Las Vegas 702-736-0006

Hi. Tech Commercial Service
N. Las Vegas 702-649-4616

NEW JERSEY

Jay Hill Repair
Fairfield 973-575-9145

Service Plus
Flanders 973-691-6300

NEW YORK

Acme American Repairs, Inc.
Brooklyn 718-456-6544

Alpro Service Co.
Brooklyn 718-386-2515

Appliance Installation
Buffalo 716-884-7425

Northern Parts Dist.
Plattsburgh 518-563-3200

J.B. Brady, Inc.
Syracuse 315-422-9271

NORTH CAROLINA

Authorized Appliance
Charlotte 704-377-4501

OHIO

Akron/Canton Comm. Svc. Inc.
Akron 330-753-6635

Certified Service Center
Cincinnati 513-772-6600

Commercial Parts and Service
Columbus 614-221-0057

Electrical Appl. Repair Service
Independence 216-459-8700

E. A. Wichman Co.
Toledo 419-385-9121

OKLAHOMA

Hagar Rest. Service, Inc.
Oklahoma City 405-235-2184

Krueger, Inc.
Oklahoma City 405-528-8883

OREGON

Bressie Electric Co.
Portland 503-231-7171

Ron's Service, Inc.
Portland 503-624-0890

PENNSYLVANIA

Elmer Schultz Services
Philadelphia 215-627-5401

FAST Comm. Appl. Service
Philadelphia 215-288-4800

GCS Service
Pittsburgh 412-787-1970

K & D Service Co.
Harrisburg 717-236-9039

Electric Repair Co.
Reading 610-376-5444

RHODE ISLAND

Marshall Electric Co.
Providence 401-331-1163

SOUTH CAROLINA

Whaley Foodservice Repair
W. Columbia 803-791-4420

TENNESSEE

Camp Electric
Memphis 901-527-7543

TEXAS

Stove Parts Supply
Fort Worth 817-831-0381

Armstrong Repair Service
Houston 713-666-7100

Commercial Kitchen Repair Co.
San Antonio 210-735-2811

UTAH

La Monica's Rest. Equip. Service
Murray 801-263-3221

VIRGINIA

Daubers
Norfolk 757-855-4097

Daubers
Springfield 703-866-3600

WASHINGTON

Restaurant Appl. Service
Seattle 206-524-8200

WISCONSIN

A.S.C., Inc.
Madison 608-246-3160

A.S.C., Inc.
Milwaukee 414-543-6460

CANADA

BRITISH COLUMBIA

Key Food Equipment Service
Vancouver 604-433-4484

MANITOBA

Denko Mechanical Ltd.
Winnipeg 204-233-8003

ONTARIO

R.G. Henderson Ltd.
Toronto 416-422-5580

Choquette CKS
Ottawa 613-739-8458

QUÉBEC

Choquette CKS
Montreal 514-722-2000

Choquette CKS
Québec City 418-681-3944

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Printed in U.S.A. January 2005 Part No. 07.04.371.00 Form No. DHLM-0105